SEQUENCE LISTING

<110> BioInside GmbH

<120> A method of detecting microorganisms in products

<130> PCT/DE99/01471

<140> PCT/DE99/01471
<141> 1999-05-10

<150> DE 198 22 108.8
<151> 1998-05-12

<160> 55

<170> PatentIn Ver. 2.1

<210> 1
<211> 214
<212> DNA
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<220>
<223> Description of Artificial Sequence:
      primer-sonde-primer

<400> 1
agatgcacgt actgctgaaa tgagtaagct aatggaaaac acatatagag acgtgaatat 60
tgctttagct aatgaattaa caaaaatttg caataactta aatattaatg tattagttgt 120
gattgaaatg gcaaacaaac atccgcgtgt taatatccat caacctggtc caggagtagg 180
cggtcattgt ttagctgttg atccgtactt tatt 214

<210> 2
<211> 310
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
      primer-sonde-primer

<400> 2
caggccttcg atgccctgag cggtattcag gcaccggcgc ccaacgccga agaactccag 60
catttctgcc aattgctgct ggactatgta tctgccggac acttcgaggt ctacgagcaa 120
ctgacggcgg aaggcaaggc cttcggcgat cagcgcggcc tggagctggc caagcagatc 180
ttcccccggc tggaagccat caccgaatcc gcgctgaact tcaacgaccg ctgcgacaac 240
ggcgattgcc gtgaaggagc ctgcctcatc gcggagctga aggtcctgcg gcaacagttg 300
cacgaacgct 310

<210> 3
<211> 222
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
      primer-sonde-primer

<400> 3
aaagtagaac gtaatggttc tgtgcatatt gatgcccgcg acgttaatgt attctgcgca 60
ccttacgatc tggttaaaac catgcgtgct tctatctggg cgctggggcc gctggtagcg 120
cgctttggtc aggggcaagt ttcactacct ggcggttgta cgatcggtgc gcgtccggtt 180
gatctacaca tttctggcct cgaacaatta ggcgcgacca tc   222

<210> 4
<211> 310
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
      primer-sonde-primer

<400> 4
tgattgaagc cgatgccggt gaaattatcg ccacgttcgg gcaattcgtt attggcgata 60
gcctggcggt gggttttgtt gtcttctcta ttgtcaccgt ggtccagttt atcgttatta 120
ccaaaggttc agaacgtgtc gcggaagtcg cggcccgatt ttctctggat ggtatgcccg 180
gtaaacagat gagtattgat gccgatttga aggccggtat tattgatgcg gatgccgcgc 240
gcgaacggcg aagcgtactg gaaagggaaa gccagcttta cggttccttt gacggtgcga 300
tgaagtttat   310

<210> 5
<211> 356
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
      primer-sonde-primer

<400> 5
gcatggctgt cgtcagctcg tgttgtgaaa tgttgggtta agtcccgcaa cgagcgcaac 60
ccttatcctt tgttgccagc ggtccggccg ggaactcaaa ggagactgcc agtgataaac 120
tggaggaagg tggggatgac gtcaagtcat catggccctt acgaccaggg ctacacacgt 180
gctacaatgg cgcatacaaa gagaagcgac ctcgcgagag caagcggacc tcataaagtg 240
cgtcgtagtc cggattggag tctgcaactc gactccatga agtcggaatc gctagtaatc 300
gtggatcaga atgccacggt gaatacgttc ccgggccttg tacacaccgc ccgtca   356

<210> 6
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer cap-8
      forward #15297*

<400> 6

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agatgcacgt actgctgaaa tgag                                      24


<210> 7
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde
     cap-8#15460*

<400> 7
cctggtccag gagtaggcgg                                           20


<210> 8
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer cap-8
     reverse#15485

<400> 8
gtttagctgt tgatccgtac tttatt                                    26


<210> 9
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer algQ
     forward#876*

<400> 9
cttcgatgcc ctgagcggta ttc                                       23


<210> 10
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde algQ#911

<400> 10
ccaacgccga agaactccag catttc                                    26


<210> 11
<211> 23
<212> DNA
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer
      sequence (#1147)

<400> 11
ctgaaggtcc tgcggcaaca gtt   23

<210> 12
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer
      sequence (#767*)

<400> 12
gttctgtgca tattgatgcc cgcg   24

<210> 13
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde (#802)

<400> 13
tctgcgcacc ttacgatctg gtt   23

<210> 14
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer
      sequence (#884)

<400> 14
gcaagtttca ctacctggcg gttg   24

<210> 15
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer
      sequence (#269*)

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<400> 15
gtgaaattat cgccacgttc gggc                                          24


<210> 16
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde (#333)

<400> 16
cttctctatt gtcaccgtgg tcca                                          24


<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer
      sequence (#542)

<400> 17
ggttcctttg acggtgcgat gaag                                          24


<210> 18
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer 16SrRNA
      forward #1053*

<400> 18
gcatggctgt cgtcagctc                                                19


<210> 19
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde 16SrRNA
      #1090

<400> 19
ttaagtcccg caacgagcgc aac                                           23


<210> 20
<211> 20
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer 16SrRNA
      reverse #1386*

<400> 20
tgacgggcgg tgtgtacaag   20

<210> 21
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde

<400> 21
tttgttattg gcgatagcct ggc   23

<210> 22
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde

<400> 22
ttctctggat ggtatgcccg gta   23

<210> 23
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer

<400> 23
cattgtttag ctgttgatcc gtact   25

<210> 24
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 24
gcacgtactg ctgaaatgag taag   24

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<210> 25
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 25
caggccttcg atgccctgag c                                             21


<210> 26
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 26
gctgaaggtc ctgcggcaac ag                                            22


<210> 27
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
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<400> 27
tagaacgtaa tggttctgtg cat                                           23


<210> 28
<211> 23
<212> DNA
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<220>
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<400> 28
ctggcctcga acaattaggc gcg                                           23


<210> 29
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<212> DNA
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<211> 23
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<220>
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<400> 39
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<210> 40
<211> 25
<212> DNA
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<400> 40
ttgaagccga tgccggtgaa attat   25

<210> 41
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<212> DNA
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<220>
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<400> 41
tttgttgtct tctctattgt cacc   24

<210> 42
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<212> DNA
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<220>
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<400> 42
aagtcgtaac aaggtaacca   20

<210> 43
<211> 21
<212> DNA
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<220>
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<400> 43
ggattagata ccctggtagt c   21

<210> 44
<211> 19
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<220>
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<400> 44
gcatggctgt cgtcagctc   19

<210> 45
<211> 20
<212> DNA
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<220>
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<400> 45
tttatgaggt ccgcttgctc   20

<210> 46
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde (#1090)

<400> 46
ttaagtcccg caacgagcgc aac   23

<210> 47
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer
     #1053

<400> 47
gcatggctgt cgtcagctc   19

<210> 48
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde

<400> 34
caattgctgc tggactatgt atctg   25

<210> 35
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
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<400> 35
caacgccgaa gaactccagc atttc   25

<210> 36
<211> 27
<212> DNA
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<220>
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<400> 36
aacgccgaag aactccagca tttctgc   27

<210> 37
<211> 22
<212> DNA
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<220>
<223> Description of Artificial Sequence: primer

<400> 37
catttctggc ctcgaacaat ta   22

<210> 38
<211> 23
<212> DNA
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<220>
<223> Description of Artificial Sequence: sonde

<400> 38
ccgctggtag cgcgttttgg tca   23

<210> 39

<400> 29
tgcatggctg tcgtcagctc   20

<210> 30
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
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<400> 30
ttgggttaag tcccgcaacg agc   23

<210> 31
<211> 22
<212> DNA
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<220>
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<400> 31
atgcacgtac tgctgaaatg ag   22

<210> 32
<211> 26
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<400> 32
aacacatata gagacgtgaa tattgc   26

<210> 33
<211> 22
<212> DNA
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<220>
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<400> 33
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<210> 34
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<400> 48
ttaagtcccg caacgagcgc aac                                        23


<210> 49
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tcgttcgcct ggagtattt                                             19


<210> 50
<211> 19
<212> DNA
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<220>
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gtgctgcatg gctgtcgtc                                             19


<210> 51
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agtcccgcaa cgagcgcaac cc                                         22


<210> 52
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<400> 52
atgttgggtt aagtcccgca acg                                        23
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<210> 53
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<210> 54
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<220>
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<210> 55
<211> 20
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<220>
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<400> 55
cttgtacaca ccgcccgtca   20